

CUSTOMER NO.: 24498**Serial No. 09/936,983**

Reply to First Office Action dated: 06/29/06

Response dated: 08/22/06

**PATENT
PD990019****RECEIVED
CENTRAL FAX CENTER****AUG 22 2006****REMARKS**

In the Office Action, the Examiner stated that claims 1-12 are pending in the application and that claims 1-12 stand rejected. By this response, claims 1-12 have been cancelled and new claims 13-28 are herein submitted.

In view of the amendments presented above and the following discussion, the Applicant respectfully submits that none of these claims now pending in the application are anticipated under the provisions of 35 U.S.C. § 102. Thus the Applicant believes that all of these claims are now in allowable form.

Rejections**A. 35 U.S.C. § 102**

The Examiner rejected the Applicant's claims 1-12 under 35 U.S.C. § 102(b) as being anticipated by Kikuchi et al. (US Patent No. 5,870,523, hereinafter "Kikuchi"). The rejection is respectfully traversed.

The Examiner cites Kikuchi for teaching a method for implementing trickplay modes in a bitstream recorder, wherein the bitstream is organized in stream objects and access to the bitstream is performed using access units and access unit information is attached to the stream objects of the bitstream and to navigation data recorded, or to be recorded, and wherein said access unit information includes an access unit start map, and optionally an access unit end map, which are used in the trickplay modes together with the navigation data for access to the bitstream.

However, the Applicant respectfully submits Kikuchi absolutely fail to teach, suggest or anticipate at least the Applicant's new claim 13, which specifically recites:

"A method for recording a bitstream on a bitstream recorder such that the recorded bitstream can be replayed in a trick play mode, the method comprising:

recording said bitstream in predetermined-size stream object units, said recorded bitstream having data contained in application packets that are contained in said stream object units;

defining access units as parts of said recorded bitstream that are accessible for said trick play mode, wherein access unit information is

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associated with said bitstream and with related navigation data to be recorded; and

recording an access unit start map for said access unit information, wherein in said access unit start map a respective flag is assigned to each one of said stream object units, each of said flags indicating with a first value that the start of one of said access units is contained within a range of said recorded bitstream consisting of a corresponding stream object unit and the immediately subsequent stream object unit, or indicating with a second value that no corresponding access unit exists for that flag and its related stream object unit." (emphasis added).

Support for the Applicant's new claims can be found specifically on page 1, lines 15-17, page 2, lines 10-35, page 3, lines 26-27, page 4, lines 19-20 and 26-27, page 5, lines 4-5 and 9-10 and 20-21, page 11, line 26, page 12, lines 15-18, page 14, lines 28-30, page 15, lines 3-7 and 18-27 and Figs. 3-5 and 10-11. As clearly evident from the portions of the Applicant's Specification presented above and as claimed in at least the Applicant's claim 1, in the invention of the Applicant mixing effects which have a rhythmic dynamic range are generated because a third modulation signal is derived from an audio signal.

In contrast to the invention of the Applicant, there is absolutely no teaching, suggestion or disclosure in Kikuchi for a flag list or bit array assigned to the SOBUs wherein each bit serves as a flag for the corresponding SOBU, and for signaling whether it contains an access unit (i.e., an I picture in the case of video bit streams or a corresponding data section in an ISO/IEC 1318-1 program stream) as taught in the Applicant's Specification and claimed by at least the Applicant's new claim 13. More specifically, Kikuchi fails to teach, suggest or anticipate at least a respective flag assigned to each one of the stream object units, each of the flags indicating with a first value that the start of one of the access units is contained within a range of the recorded bitstream consisting of a corresponding stream object unit and the immediately subsequent stream object unit, or indicating with a second value that no corresponding access unit exists for that flag and its related stream object unit as taught in the Applicant's Specification and claimed by at least the Applicant's new claim 13.

Therefore, the Applicant submits that for at least the reasons recited above, the Applicant's new claim 13 is not anticipated by the teachings of Kikuchi, and, as

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such, fully satisfies the requirements of 35 U.S.C. § 102 and is patentable thereunder.

Likewise, the Applicant's new independent claims 22 and 28 recite similar relevant features as recited in the Applicant's claim 13. As such and for at least the reasons recited above, the Applicant submits that independent claims 22 and 28 are also not anticipated by the teachings of Kikuchi, and, as such, fully satisfy the requirements of 35 U.S.C. § 102 and are patentable thereunder.

Furthermore, the Applicant's dependent claims 13-21 and 23-27 depend either directly or indirectly from the Applicant's independent claims 13 and 22, respectively, and recite additional features thereof. As such, the Applicant submits that at least because the Applicant's claims 13 and 22 are not anticipated by the teachings of Kikuchi, the Applicant further submits that the Applicant's dependent claims 13-21 and 23-27, which depend either directly or indirectly from the Applicant's claims 13 and 22, respectively, the Applicant's dependent claims 13-21 and 23-27 are also not anticipated by the teachings of Kikuchi, and, as such, fully satisfy the requirements of 35 U.S.C. § 102 and are patentable thereunder.

The Applicant reserves the right to establish the patentability of each of the claims individually in subsequent prosecution.

Applicant's Note

The Applicant has herein replaced original claims 1-12 with claims 13-28 to bring into conformance the claims of the present above identified patent application with a corresponding European Patent application, now granted as EP 01163673.

Conclusion

Thus the Applicant submits that none of the claims, presently in the application, are anticipated under the provisions of 35 U.S.C. § 102. Consequently, the Applicant believes that all these claims are presently in condition for allowance. Accordingly, both reconsideration of this application and its swift passage to issue are earnestly solicited.

If however, the Examiner believes that there are any unresolved issues requiring adverse final action in any of the claims now pending in the application, or if the Examiner believes a telephone interview would expedite the prosecution of

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the subject application to completion, it is respectfully requested that the Examiner telephone the undersigned.

No fee is believed due. However, if a fee is due, please charge the additional fee to Deposit Account No. 07-0832.

Respectfully submitted,

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